

NEWPORT EDUCATION COMMITTEE.

Medical Inspection of School Children.

THIRTY-FIFTH

ANNUAL REPORT

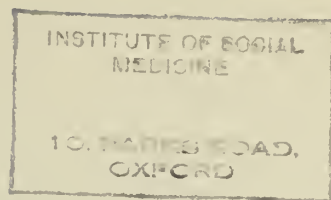
FOR THE

YEAR ENDED 31st DECEMBER, 1942

BY

H. W. CATTO, M.D., D.P.H.

SCHOOL MEDICAL OFFICER.



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ANNUAL REPORT.

To the Chairman and Members of the Education Committee.

Mr. Chairman, Ladies and Gentlemen,

I beg to submit the thirty-fifth Annual Report of the School Medical Officer for the year ended December 31st, 1942.

STAFF.

One Medical Officer has been called up for service in His Majesty's Forces. The Medical Staff is therefore reduced from four to three. One of the Dental Surgeons resigned on 30th May, and there has been only one Dental Surgeon left for the rest of the year.

THE SCHOOL MEDICAL SERVICE IN RELATION TO PUBLIC ELEMENTARY SCHOOLS.

MEDICAL INSPECTION.

The arrangements for carrying out Medical Inspection at the Schools have been described in previous reports.

The following groups of elementary school children were examined during the year:—

A. Routine Medical Inspection—

Entrants	...	...	1488
Second age group	...	...	531
Third age group	...	...	1194
			— 3213

B. Other Inspections—

Special Inspections	...	...	14377
Re-inspections	...	...	11266

FINDINGS OF MEDICAL INSPECTION.

MALNUTRITION.

Of the 3,213 children examined at the routine inspections, 618 were found to be suffering from slightly subnormal nutrition; 14 cases of bad nutrition were also recorded.

UNCLEANLINESS.

Regular visits were paid to all the Elementary Schools during the year, the average number being four per School.

44,297 examinations of boys and girls were made, and 648 children were found to be unclean, of whom 69 had vermin and 579 nits only.

The problems of scabies and pediculosis have not been so acute as in some other areas. Nevertheless, further increase in scabies is noted during the year as compared with 1941, *e.g.* 636 (56 were carried forward from 1941) as compared with 448 for 1941, 178 for 1940, and 101 for 1939.

MINOR AILMENTS AND DISEASES OF SKIN.

The total number of minor ailments and diseases of the skin dealt with during the year was 4,168, as compared with 3,680 for 1941. These were composed of the following:—Minor Ailments, 2,411; Ringworm of Scalp, 15; Ringworm of Body, 68; Scabies, 636; Impetigo, 509; Other Skin Diseases, 529.

VISUAL DEFECTS AND EXTERNAL EYE DISEASES.

There were 1,413 cases of Defective Vision, 268 of whom had squint, a decrease on 1941, when the figures were 1,510 of whom 260 had squint. 291 of the total were found during the Routine examination at the schools. The remainder were cases referred to the Clinic or followed up from previous years.

There were 379 cases of external eye disease as compared with 364 for the previous year. These were made up as follows:—Blepharitis, 86; Conjunctivitis, 154; Keratitis, 3; Corneal Opacities, 5; Other Eye Conditions, 131.

NOSE AND THROAT DEFECTS.

The total number of defects in Nose and Throat dealt with was 2,288. There were 22 cases of Chronic Tonsillitis only, 3 of Adenoids only, 1,112 of Chronic Tonsillitis and Adenoids, and 1,152 other conditions.

EAR DISEASE AND DEFECTIVE HEARING.

The total number of cases of ear disease and defective hearing dealt with was 562 as compared with 522 for 1941. There were 51 cases of defective hearing, 183 of Otitis Media, and 328 other conditions.

DENTAL DEFECTS.

Six Elementary Schools were visited during the year by the Dentists for inspection purposes.

2,422 routine cases and 122 special were examined; 2,450 of these were found to require treatment.

6 half-days were devoted to inspection and 628 half-days to treatment.
4,081 attendances were made by the children.

ORTHOPAEDIC AND POSTURAL DEFECTS.

There were 619 cases of Orthopaedic and Postural Defects dealt with during the year.

The following is a list of children dealt with at the Orthopaedic Clinic which is run in conjunction with the Maternity and Child Welfare Scheme:—

	Elementary.			Secondary.		
	B.	G.	Total.	B.	G.	Total.
Infantile Paralysis	6	4	10	—	—	—
Infantile Hemiplegia	3	6	9	—	—	—
Diplegia	2	—	2	1	—	1
Erbs Paralysis	1	1	2	—	—	—
Lateral Curvature	15	30	45	—	16	16
Pertle's Disease	2	—	2	—	—	—
Torticollis	4	2	6	—	1	1
Spina Bifida	2	—	2	—	—	—
Epiphysitis of Hip	—	—	—	—	1	1
Rickets (Bow Legs)	7	5	12	—	—	—
Flat Feet	90	113	203	8	48	56
Inversion of Feet	3	2	5	3	—	3
Pes Cavus	6	9	15	—	1	1
Talipes	5	2	7	—	—	—
Hallux Valgus	—	5	5	1	3	4
Hammer Toe	2	4	6	—	—	—
Knock Knees	31	23	54	2	2	4
Amyotonia Congenita	—	1	1	—	—	—
Coxa Vara	1	—	1	—	—	—
Congenital Dislocation of Hip	—	2	2	—	—	—
Metatarsus Varus	—	2	2	—	—	—
Chondromata	1	—	1	—	—	—
Cyst of Right Tibia	1	—	1	—	—	—
Arthritis	1	1	2	—	—	—
Coccydynia	—	2	2	—	—	—
Schlatter's Disease	—	—	—	1	—	1
Fragilitas Ossium	—	1	1	—	—	—
Sclerosis of Sacro Iliac Joint	—	1	1	—	—	—
T.B. Hip	—	1	1	—	—	—
Kohler's Disease	1	—	1	—	—	—
Other Conditions	11	13	24	4	4	8
	195	230	425	20	76	96

1,638 attendances were made by these children at the Orthopaedic Clinic.

I wish here to thank Dr. Laird for the information supplied and to express my appreciation of her willingness at any time to be of assistance to the School Medical Service.

HEART DISEASE AND RHEUMATISM.

During the medical inspection, 275 cases of heart conditions were found, 82 being classified as Organic and 193 as Functional. There were also 90 cases of Rheumatism encountered during the year.

TUBERCULOSIS.

61 cases of Tuberculosis of all kinds were dealt with during the year. The varieties were Pulmonary: definite 6, Suspected 6; Non-Pulmonary: Glands 40, Bones and Joints 8; Other forms, 1. These figures are somewhat higher than those for the previous year.

OTHER DEFECTS AND DISEASES.

2,365 cases were dealt with during the year. They comprised the following:—Diseases of the Alimentary tract such as Stomatitis, Gastritis, Enteritis, Appendicitis, etc.; Diseases of the Genito-Urinary organs, such as Nephritis, Cystitis, Enuresis, etc.; Infectious Diseases, Major Injuries, Rheumatism, etc.

FOLLOWING UP.

The number of visits to homes for "following up" purposes was 1,399 for Elementary School children, and 84 for Secondary and Technical.

ARRANGEMENTS FOR TREATMENT.

Special arrangements for treatment are in operation and the scale of treatment charges has been described in previous reports.

The contributions made by parents for the year amounted to £805 16s. 0d., of which £36 16s. 0d. was in respect of Secondary School Children.

ALIMENTATION.

See paragraph dealing with Open Air Classes.

UNCLEANLINESS.

There is a Cleansing Station at the Clinic and this was utilised in 18 cases. It was not necessary to take legal proceedings in this connexion during the year under review.

It was found possible to obtain the desired results in the remainder of the cases from treatment at home.

MINOR AILMENTS AND DISEASES OF THE SKIN.

The total number of minor ailments and diseases of the skin treated during the year was 4,164, of whom 4,044 received treatment at the Clinic and 120 elsewhere. These are made up as follows:—

	Treated Clinic.	Treated elsewhere.
Minor Ailments	2,372	38
Ringworm of Scalp	14	1
Ringworm of Body	67	1
Scabies	624	12
Impetigo	497	12
Other Skin Diseases	470	56

The total attendances made for treatment by children from Elementary and Secondary Schools was 28,396.

VISUAL DEFECTS AND EXTERNAL EYE DISEASES.

Mr. F. W. Robertson, the Ophthalmic Surgeon, specially appointed by the Education Committee for this work in 1932, held 100 sessions during the year, and he reports as follows:—

“During the year 1,127 cases were examined for defective vision, making an average of 11.27. In addition 48 special cases were examined.

The following are the details of those cases with defective vision:—

	No. of Cases	Squint	Myopia	Myopic Astigmatism	Hypermetropia	Hypermetropic Astigmatism	Mixed Astigmatism	Observation	Abnormality
Elementary	852	156	58	121	79	304	52	49	33
Secondary	221	6	44	75	14	54	13	12	3
M. & C.W. Dept.	53	48	—	—	—	—	—	—	5
Occupation Centre	1	—	—	1	—	—	—	—	—
	1,127	210	102	197	93	358	65	61	41
		18.6%	26.5%		40.0%		5.7%	5.4%	3.6%

It will be observed that 210 cases of Squint were dealt with. As this is one of the conditions where great benefit results from early treatment and advice, I give the following details of this group:

Divergent	...	...	...	5
Alternating	...	...	...	38
Convergent	...	...	...	167

In 21 cases one eye was Amblyopic.

During the year I operated on 32 children at the Royal Gwent Hospital. These were classified as follows:—Squint 19; Traumatic Cataract 1; F.B. in Eye 1; Congenital Cataract 1; Lacerated Eye lids 2; Perforating Wounds 3; Bacterocystitis 2; Dermoid Cyst 2; Ptosis 1. There are still a few cases on my waiting list.

There were 299 cases of myopia and myopic astigmatism.

- 10 had a total error of over 10 dioptries.
- 27 had a total error of between 5 and 10 dioptries.
- 105 had a total error of between 2 and 5 dioptries.
- 157 had a total error of between 0 and 2 dioptries.

As far as possible all myopes are re-examined at less than 12 monthly intervals, and special attention paid to those cases which show a definite tendency to increase. Cases with over 10 dioptries of myopia and progressing are advised re special training.

There were 451 cases of hypermetropia and hypermetropic astigmatism.

- 54 had a total error of between 5 and 10 dioptries.
- 175 had a total error of between 2 and 5 dioptries.
- 222 had a total error of between 0 and 2 dioptries.

There were 65 cases of mixed astigmatism.

- 5 had a total error of between 5 and 10 dioptries.
- 42 had a total error of between 2 and 5 dioptries.
- 18 had a total error of between 0 and 2 dioptries.

The 41 special cases were found to be suffering from some pathological or congenital defect. The following are the details:—

Corneal Leucomata	12	Retinal Detachment	...	2
Congenital Cataract	6	Optic Neuritis	...	2
Chorioretinitis	4	Traumatic Cataract	...	1
Congenital Nystagmus	3	Traumatic Ectropion	...	1
Epicanthus	3	Albinism	...	1
Congenital Ptosis	4	Spasm of Accommodation	...	2

There were a further 48 special cases. Some of these were for the purpose of checking up their lenses, but the majority were eye inflammations and injuries referred by the School Medical Officers. Several of these cases I had to refer to my clinic at the Royal Gwent Hospital for special treatment or operation."

358 cases of external eye disease were treated at the Clinic and 20 elsewhere.

NOSE AND THROAT DEFECTS.

274 cases were operated on during the year for Tonsils and Adenoids. The sources from which they came were as follows:—

	Boys	Girls	Total
Elementary Schools	132	109	241
Secondary Schools	2	4	6
Maternity and Child Welfare Dept. ...	11	16	27

The operations were performed at Wooloston House by Mr. Sutton, the Ear, Nose and Throat Surgeon.

In addition, 4 elementary school children and 1 secondary school child received operations for the removal of Tonsils and Adenoids under the scheme for the prevention of deafness.

At the end of the year 1942, the waiting list for operation for the removal of Tonsils and Adenoids was as follows:—Elementary and Secondary Schools, 354; Maternity and Child Welfare Dept., 32. Total, 386.

EAR DISEASES AND DEFECTIVE HEARING.

514 cases of ear disease and defective hearing were treated at the Clinic and 27 elsewhere.

AURAL CLINIC.

This Aural Clinic is held for the purpose of treating chronic ear conditions with a view to the prevention of deafness, and 22 sessions were held during the year under review.

183 children were examined and the sources from which they came are as follows:—Elementary Schools 66; Secondary Schools 12; Maternity & Child Welfare Dept. 5.

The total number of attendances made at the Clinic by these children was 433.

The following gives details of the cases dealt with:—

	No.	Cured	Still under treatment	Discontinued treatment	No Treatment required at present	Recommended T. & A. Op.	Recommended for Special School
Chronic Suppurative Otitis Media	87	40	30	3	—	14	—
Acute Suppurative Otitis Media	22	11	10	—	—	1	—
Chronic Catarrhal Otitis Media	38	12	15	1	—	10	—
Acute Catarrhal Otitis Media	3	1	—	1	—	1	—
Aural Polypus	3	3	—	—	—	—	—
Deafness	10	2	2	2	—	1	3
Other Conditions	10	5	1	—	—	4	—
Observation	10	—	—	—	10	—	—
	183	74	58	7	10	31	3

Arrangements are in existence with the Social Welfare Committee for operative treatment, when necessary, to be carried out at their Institution at 131 Stow Hill. During the year twelve children were operated on for various conditions that might have led to deafness.

DENTAL DEFECTS.

1,502 Elementary school children were treated at the Clinic during the year.

314 teeth were filled, 251 being permanent teeth and 63 temporary teeth.

3,586 teeth were extracted, 704 permanent, 2,882 temporary.

576 nitrous oxide gas administrations were given, and most of the other extractions were done under local anaesthetics.

226 other operations were performed.

ORTHOPAEDIC AND POSTURAL DEFECTS.

During the year 8 elementary school children received operative treatment at the Prince of Wales Orthopaedic Hospital, Cardiff, and 432 children were given massage or fitted with appliances, etc., at the Orthopaedic Clinic of the Maternity and Child Welfare Department. 1 child was treated privately.

2,979 attendances were made by the children at the Orthopaedic Clinic for massage and exercises.

HEART DISEASES AND RHEUMATISM.

This type of case is referred to the private practitioner for appropriate treatment.

TUBERCULOSIS.

All cases of Tuberculosis are dealt with by the local Tuberculosis Officer, to whom we refer cases, and he notifies us of cases reaching him from other sources.

He also examines other members of the family to which children found to be Tuberculous belong. He is responsible for domiciliary treatment and arranges for institutional treatment as required.

The Tuberculosis scheme in Newport, like the rest of Wales, is administered by the Welsh National Memorial Association.

OTHER DEFECTS AND DISEASES.

Most of these conditions are found to be of such a nature as to be best treated by the patients' own Doctors.

Major injuries, which come under this group, such as fractures, etc., are referred to the Royal Gwent Hospital.

ARTIFICIAL LIGHT.

This form of treatment has been carried out as in past years at the Maternity and Child Welfare Department, and I have to thank Dr. Daniel for the information from which the following table has been completed.

Conditions for which treated	No. treated	Average period of treatment wks.	Maximum period of treatment wks.	Min. period of treatm't wks.	Average number of doses	Max. number of doses	Min. number of doses	Average strength of dose mins.	Max. strength of dose mins.	Min. strength of dose min.
Debility and Nervous Debility	21	7½	18	½	15	36	1	6.0	12	1
Chronic Bronchitis, Bronchial Asthma	5	9	12	4½	18	24	9	6.6	12	1
Cervical Adenitis (T.B. and Non-T.B.)	11	10	18	5	20	36	10	6.5	12	1
Rheumatism	1	8	8	8	16	16	16	5.6	9	1
Other Conditions	2	4	4	4	8	8	8	4.3	6	1
Total	40	—	—	—	—	—	—	—	—	—

The number of children treated during the year was 40, and two children attended for observation only, and 625 attendances were made. The cases were treated by Mercury Vapour and Carbon Arc Lamps.

Analysis of the case records reveal the following facts:—

	No. of cases	Improvement in General Health.		
		Very much improved	Improved	No change
Debility and Nervous Debility	21	4	12	5
Chronic Bronchitis, Bronchial Asthma	5	1	2	2
Cervical Adenitis (T.B. and Non-T.B.)	11	7	4	—
Rheumatism	1	1	—	—
Other Conditions	2	—	—	2
	40	13	18	9

The above are the opinions of the Medical Officers. The Parents' opinions differed very little from them.

INFECTIOUS DISEASES.

The total number of cases of infectious disease occurring among school children was 1,865, made up as follows:—Scarlet Fever 66, Diphtheria 79, Cerebro Spinal Fever 5, Measles 575, Whooping Cough 122, Chicken Pox 852, Mumps 166.

Diphtheria immunisations during the year totalled 2,097, of which 1,298 were done at the Clinic and 799 at the Schools.

OPEN AIR EDUCATION.

Opportunities for open air education are utilised as far as possible. Classes are taken in the playground of the Schools for physical exercises and during the Summer for ordinary teaching. School parties are taken to the Parks and Recreation Grounds for nature study and games.

There are no Open Air Schools.

OPEN AIR CLASSES IN THE PARKS.

These were held for the twenty-third year in succession. Classes were held in Belle Vue Park and St. Julian's Recreation Ground. These classes commenced on 19th June, and finished on 25th September. The were closed during the school holidays.

At Belle Vue Park 25 boys and 36 girls attended.

At St. Julian's Recreation Ground 18 boys and 15 girls attended.

The mid-day meal was not provided by Caterers, as in previous years, but by arrangement with the Emergency and Communal Feeding Committee from a Cooking Depot.

PHYSICAL TRAINING.

The following are abridged reports on Physical Training for the year 1942, by Miss Vera D. Bailey and Mr. H. A. Oberholzer:—

PHYSICAL TRAINING AND GAMES.

The general improvement in the standard of work shown in 1941 after the schools had been back on for time for 7 months, has been well maintained, in spite of increased difficulties. The games have been disappointing, more regular use of the playing fields and better use of the games period would do much to improve the standard of play.

SWIMMING.

The results this year have been most gratifying to all concerned. The total of 1,469 awards, which included 273 Royal Life Saving Awards, shows an increase of over 200 certificates, including 47 Life Saving Awards.

TEACHERS' CLASSES.

Two courses for women teachers were held during the year. In January, a 12 weeks Course of Demonstration Lessons, on the Board of Education 1933 Syllabus of Physical Training and the Senior Syllabus for Girls was given for Supply Teachers. In September a 10 weeks Course on "The Secondary Lessons" for Nursery, Infant and Junior Teachers. Registration numbers were 38 and 53 with an average attendance of 73.65% and 57.74%.

YOUTH CENTRES.

In the Summer, 9 Youth Centres, attached to the existing Evening Institutes were opened,— in September, another 3 were started, making a total of twelve. The numbers attending were small, but regular. Physical Recreation, including Swimming and outdoor games, Handwork, Dramatics, Cookery and Hobbies were the main forms of recreation.

KEEP FIT CLASSES.

One class was held from January to Easter, but was discontinued during the Summer months. It was restarted again in September and was very well attended.

VERA D. BAILEY.

PHYSICAL TRAINING.—GENERAL.

During the year the general standard of physical training was on the whole satisfactory. The number of lessons per week was increased from two to three periods of 30 minutes. In addition a considerable number of children attended the baths for Swimming and Life Saving, and visited the Recreation Fields for organised games.

The introduction of class wrestling in certain senior schools proved highly successful. Adequate sports gear was provided by the Education Committee enabling all schools to carry out the required syllabus of work. Approximately 200 demonstration lessons were given. A marked improvement in walking, marching and general posture was observed, especially among the Senior boys.

SWIMMING.

The total number of School Swimming Certificates awarded was 1,550.

A School's Gala was held at the Maindee Baths. A mass display of Life Saving was given by 96 boys and girls.

The number of Life Saving Awards gained was 310, an increase of 103 over last year's record total. This is the highest number yet recorded, and the 8th successive year that the Newport Schools have headed the list of awards for Wales.

The boys of Hatherleigh Central School retained the "George Cohen" Cup, presented to the Elementary School gaining the highest number of points for Life Saving in South Wales.

YOUTH CENTRES.

A successful Gala was held at Maindee Baths. The issuing of Certificates by the Education Committee to members of the youth centre who passed the required standards of proficiency was certainly a step in the right direction.

A ten weeks course of physical training for Leaders was held during the Summer months.

A games week was held on Shaftesbury Park. Many hundreds of youths and girls took an active part in the games and recreation provided. As a result of the Scheme a "games evening" was held each week during the remainder of the Summer.

H.A. OBERHOLZER.

PROVISION OF MEALS.

Dinners are now provided in sixteen Canteens in exchange for payment of the cost of food only, and, in necessitous cases free of charge.

During the period from 1st April, 1942 to 31st December, 1942, 216,112 meals were served. These figures are very much in excess of those for the previous year.

In this connection, the arrangements initiated by the Education Committee in October, 1934, for the provision of milk to school children, in consequence of the circular of the Board of Education, No. 1437, were continued during 1942. The number of bottles of milk supplied during the year 1942 was 1,679,046, of which 1,495,695 were paid for by the children, while 183,351 were supplied free in necessitous cases. The School Medical Officers inspect the cases submitted to them by the teachers, when these are thought to be in need of free milk.

CO-OPERATION OF PARENTS.

Every encouragement is given to parents to be present at the examination of their children and they respond well.

At the routine inspections the percentage attendance was 90.4 in the case of the entrants, 82.2 for the second age group, and 51.3 for the third age group, and for the combined groups, 74.5 per cent. These attendances are set out in tabular form overleaf.

	No. of Boys Examined	No. of Parents Present	Per cent of Parents Present	No. of Girls Examined	No. of Parents Present	Per cent. of Parents Present	Total Boys and Girls Examined	No. of Parents Present	Per cent. of Parents Present
Entrants	794	716	90.1	694	630	90.7	1,488	1,346	90.4
Second Age Group	268	212	79.8	263	225	85.5	531	437	82.2
Third Age Group	587	284	48.3	607	329	54.2	1,194	613	51.3
	1,649	1,212	73.4	1,564	1,184	75.7	3,213	2,396	74.5

At the Clinic a parent attends in practically every case where there is any defect above the trivial.

CO-OPERATION OF TEACHERS, SCHOOL ATTENDANCE OFFICERS, ETC.

Thanks are due to the Teachers, School Attendance Officers and the Inspectors of the National Society for the Prevention of Cruelty to Children, for the help that they continue to give.

The Newport Home Nursing Association made 2,985 visits to the homes of school children, and gave treatment for numerous conditions, including Pneumonia, Bronchitis, Rheumatism, Ear Conditions, Wounds, Abscesses, etc.

The Education Committee distributed free boots and shoes to necessitous cases by means of their Children's Boot Fund. During the year ended 30th September, 1942, 478 pairs were distributed.

BLIND, DEAF, DEFECTIVE AND EPILEPTIC CHILDREN.

The methods of ascertainment have been described in previous reports.

These methods are adequate for the purpose of ascertainment. Treatment is largely a matter of obtaining accommodation in institutions. We have none and are dependent on those provided by other Authorities. There is not much difficulty in obtaining the use of these, except in the case of mentally defectives.

BLIND.

Two boys and one girl are at the Glamorgan Residential School for the Blind, Bridgend.

PARTIALLY BLIND.

There are two boys at the Glamorgan Residential School for the Blind, Bridgend, and one girl at the Birmingham Royal Institution for the Blind. There is one girl awaiting admission to a Special School.

DEAF, INCLUDING DUMB.

There are nine of these cases in Special Schools: two boys and two girls at The Mount, Stoke-on-Trent; and four boys and one girl at the Royal Cambrian Institution for the Deaf. There are three cases attending Elementary Schools, of whom, one boy will commence at a Special School at the commencement of the new term in 1943.

MENTALLY DEFECTIVE.

The number of certified Mentally Defective (feeble-minded) children belonging to the area amounted to 5. Of these, one girl is at Allerton Priory R.C. Special School, and two girls at Monyhull Colony.

Two boys and three girls were notified during the year to the Local Authority for the Care of the Mentally Defective.

In addition in the course of the examination 59 children (30 boys and 29 girls) were tested and found to be dull and backward and not considered mentally defective.

EPILEPTICS.

Epileptic children are divided into two classes. (1) Those, not being idiots or imbeciles, who are unfit by reason of severe epilepsy to attend ordinary public elementary schools. For practical purposes children who suffer from major epileptic attacks in school are considered to be in this class and require other provision than the ordinary school.

There are at present two cases known which come within the meaning of this definition.

(2) This class consists of children suffering from less severe epilepsy. These are not unfit for school but may be so in the future. 13 are recorded, mainly on statements by parents as to having had one or more "fits." They are kept on record for "following up" purposes, but the great majority do not develop into anything serious.

CRIPPLES.

There is one cripple boy at Moss Home, Kimpton, near Hitchin, and one girl at the Heritage Craft School, Chailey.

Eight cases are attending the Orthopaedic Clinic of the Maternity and Child Welfare Department.

SECONDARY SCHOOLS.

The schools dealt with under this heading are The Newport High School, The Newport (St. Julian) High School and the Junior and Full-time Technical College. All are provided by the Local Education Authority.

On the advice of the Board of Education, the examinations of this class of scholar now takes place at the age of 11 (Entrants), at the age of 15, and on leaving, instead of annually as before. The inspections are generally carried out during the Autumn term.

Visits are made for following up purposes during the other terms. Home visits are made by the Nurses as required.

The total number of Routines examined was 711, Special 778, and re-inspections 371.

Reference to Table III. shows the treatment received, the chief items being 221 for Defective Vision, 6 for Tonsils and Adenoids operations, and Table IV. 119 for Dental treatment.

At the Routine inspections the parents attended in 48.9 per cent. of the cases.

EMPLOYMENT OF YOUNG CHILDREN AND YOUNG PERSONS.

Certificates under the provisions of the Byelaws were issued in respect of 148 boys and 12 girls.

MISCELLANEOUS.

15 Teachers and 20 Bursars were examined and reported on as to their fitness for their duties.

The following tables give the statistics of the work done in the form required by the Board of Education, and the heights and weights of routine children examined during the year.

I am, Mr. Chairman, Ladies and Gentlemen,

Your obedient Servant,

H. CATTO,

School Medical Officer.

The School Clinic,

26, Clytha Park Road,

Newport, Mon.

February, 1943.

YEAR ENDED 31st DECEMBER, 1942.

TABLE I.

Medical Inspections of Children attending Public Elementary Schools.

A.—Routine Medical Inspections.

Number of Inspections in the Prescribed Groups.

			Entrants	Second Age Group	Third Age Group	Other Routine Inspections	Total
Boys	...	...	794	268	587	...	1,649
Girls	...	...	694	263	607	...	1,564
Totals			1,488	531	1,194	...	3,213

B.—Other Inspections.

No. of Special Inspections and Re-Inspections ... 25,643

TABLE II.

Classification of the Nutrition of Children Inspected during the Year in the Routine Age Groups.

Age Groups		Number of Children Inspected	A.		B.		C. (Slightly subnormal)		D. (Bad)	
			(Excellent)		(Normal)					
			No.	%	No.	%	No.	%	No.	%
Entrants	...	1,488	170	11.42	1,075	72.24	237	15.92	6	.4
Second Age Group	...	531	85	16.00	334	62.90	110	20.71	2	.3
Third Age Group		1,194	189	15.82	728	60.97	271	22.69	6	.5
Other Routine Inspections		—	—	—	—	—	—	—	—	—
Total		3,213	444	13.81	2,137	66.51	618	19.23	14	.4

TABLE III.

Return of Defects treated during the year ended 31st December, 1942.

Group 1.—Treatment of Minor Ailments (excluding uncleanness).

Total number of defects treated or under treatment during the year under the Authority's Scheme 4.9

Group II.—Treatment of Defective Vision and Squint.

		Under the Authority's Scheme	
Errors of Refraction (including Squint)	...	...	852
Other Defect or Disease of the Eyes (excluding those recorded in Group I.)	...	...	—
Total	...	...	852

		Under the Authority's Scheme	
No. of Children for whom Spectacles were:		...	700
(a) Prescribed	...	...	389
(b) Obtained	...	...	...

Group III.—Treatment of Defects of Nose and Throat.

Received Operative Treatment	...	...	...	...	...	245
Received other forms of Treatment	...	...	...	...	...	7
Total number Treated	...	...	...	...	...	252

TABLE IV.—Dental Inspection and Treatment.

(1) Number of children inspected by the Dentist.

(a) Routine age groups.

Age	4	5	6	7	8	9	10	11	12	13	14	15	Total
Number	42	303	380	319	256	265	261	240	171	151	34	—	2,422
(b) Specials				...		...			...	...		...	122
(c) TOTAL (Routine and Specials)						...			...	...		...	2,544
(2) Number found to require treatment						...			...	...		...	2,450
(3) Number actually treated				...		...			...	...		...	1,502
(4) Attendances made by children for treatment									...	...		...	4,081
(5) Half days devoted to:													
Inspection		...		...	6								
Treatment		...		...	628								
Total					634								
(6) Fillings:													
Permanent Teeth				...	251								
Temporary Teeth				...	63								
Total				...	314								
(7) Extractions:													
Permanent Teeth													704
Temporary Teeth													2,882
Total													3,586
(8) Administration of general anaesthetics for extractions													576
(9) Other operations:													
Permanent Teeth													135
Temporary Teeth													91
Total													226

TABLE V.—Verminous Conditions.

(i.) Average number of visits per school made during the year by the School Nurses or other authorised persons	...	...	...	...	...	...	4
ii.) Total number of examinations of children in the Schools by School Nurses or other authorised persons	...	...	...	...	...	...	44,297
iii.) Number of individual children found unclean	...	...	...	...	...	...	648
iv.) Number of individual children cleansed under Section 87 (2) and (3) of the Education Act, 1921							18
v.) Number of cases in which legal proceedings were taken:—							
(a) Under the Education Act, 1921	...	...	...	...	...	...	—
(b) Under School Attendance Byelaws	...	...	...	...	...	...	—

TABLE VI.—Blind and Deaf Children.

	1 At a Public Elementary School	2 At an Institution other than a Special School	3 At no School or Institution
Blind Children	...	...	...
Deaf Children	...	...	...

MEDICAL INSPECTION AND TREATMENT RETURNS.
YEAR ENDED 31st DECEMBER, 1942.

TABLE I.

Medical Inspection of Children attending Secondary Schools.

A—ROUTINE MEDICAL INSPECTION.

Age	10	11	12	13	14	15	16	17	18	Grand Total	
Boys	...	4	101	74	21	12	121	33	9	2	377
Girls	...	12	91	55	14	25	107	17	12	1	334
Totals	...	16	192	129	35	37	228	50	21	3	711

B.—Other Inspections.

No. of Special Inspections and Re-Inspections ... 1,149

TABLE II.

Classification of the Nutrition of Children inspected during the Year
at Routine Medical Inspections.

Number of Children Inspected	A.		B.		C.		D.	
	(Excellent)		(Normal)		(Slightly subnormal)		(Bad)	
	No.	%	No.	%	No.	%	No.	%
711	198	27.84	429	60.33	84	11.81	—	—

TABLE III.

Return of Defects treated during the year ended 31st December, 1942.

Group I.—Treatment of Minor Ailments (excluding uncleanliness).

Total number of defects treated or under treatment during the year under the Authority's Scheme 240

Group II.—Treatment of Defective Vision and Squint.

	Under the Authority's Scheme.
Errors of Refraction (including Squint) ...	221
Other Defect or Disease of the Eyes (excluding those recorded in Group I.)	—
Total	221

No. of Children for whom Spectacles were:	Under the Authority's Scheme.
(a) Prescribed ...	199
(b) Obtained ...	78

Group III.—Treatment of Defects of Nose and Throat.

Received Operative Treatment	7
Received other forms of Treatment	—
Total number Treated	7

TABLE IV.—Dental Inspection and Treatment.

(1) Number of children inspected by the Dentist.

(a) Routine age groups.

Age	...	10	11	12	13	14	15	16	17	18	19	Total
Number	...	—	12	31	27	36	31	12	2	—	—	151

(b) Specials 12

(c) TOTAL (Routine and Specials) ...

(2) Number found to require treatment 255

(3) Number actually treated 119

(4) Attendances made by children for treatment 384

(5) Half days devoted to :

Inspection	...	...	—
Treatment	...	...	—
		Total	—

(7) Extractions :

Permanent Teeth	...	117
Temporary Teeth	...	14
	Total	131

(8) Administrations of general
anaesthetics for extractions 16

(6) Fillings :

Permanent Teeth	...	116
Temporary Teeth	...	—
	Total	116

(9) Other operations :

Permanent Teeth	...	46
Temporary Teeth	...	6
	Total	52

Heights and Weights of Routine Examined Children in 1942.

Boys—Heights in inches, Weights in lbs.

Age	Elementary			Newport (St. Julian's) High School			Newport High School			Technical College		
	No. Taken	Av. H'ght	Av. W'ght	No. Taken	Av. H'ght	Av. W'ght	No. Taken	Av. H'ght	Av. W'ght	No. Taken	Av. H'ght	Av. W'ght
4	64	41.1	39.8	...	...	...	...	...	...	...	...	...
5	603	42.5	42.0	...	...	...	...	...	...	...	...	...
6	116	44.1	45.3	...	...	...	...	...	...	...	...	...
7	11	46.3	49.5	...	...	...	...	...	...	...	...	...
8	218	48.6	55.8	...	...	...	...	...	...	...	...	...
9	44	50.3	60.0	...	...	...	...	...	...	...	...	...
10	5	52.3	68.2	...	...	...	4	55.3	76.3	...	...	...
11	1	52.3	66.0	42	56.0	81.4	59	55.7	79.8	...	...	...
12	524	55.9	79.6	53	57.4	83.6	21	55.7	80.7	...	...	...
13	60	57.7	86.6	4	60.4	92.8	...	...	...	17	59.5	98.5
14	3	59.5	88.0	1	60.4	90.2	2	65.3	115.5	9	61.6	101.6
16	...	...	...	48	64.8	120.3	56	64.8	123.4	17	63.8	112.6
16	...	...	...	7	67.1	134.8	26	66.1	129.1	...	...	...
17	...	...	...	1	66.1	128.7	8	68.5	145.2	...	...	...
18	...	...	...	2	66.4	121.0	...	...	...	...	...	...

Girls.—Heights in inches, Weights in lbs.

Age	Elementary			Newport (St. Julian's) High School			Newport High School			Technical College		
	No. Taken	Av. H'ght	Av. W'ght	No. Taken	Av. H'ght	Av. W'ght	No. Taken	Av. H'ght	Av. W'ght	No. Taken	Av. H'ght	Av. W'ght
4	55	40.7	38.2	...	...	...	...	...	...	...	...	...
5	522	42.2	40.4	...	...	...	...	...	...	...	...	...
6	105	44.0	43.7	...	...	...	...	...	...	...	...	...
7	12	45.5	44.4	...	...	...	...	...	...	...	...	...
8	203	48.6	54.7	...	...	...	...	...	...	...	...	...
9	46	50.2	58.7	...	...	...	...	...	...	...	...	...
10	12	50.5	60.9	...	...	...	12	54.2	72.3	...	...	...
11	2	52.5	69.7	51	56.7	80.3	40	56.0	77.8	...	...	...
12	538	56.2	83.6	40	57.5	81.8	15	57.7	87.5	...	...	...
13	67	58.4	91.9	3	59.0	84.2	1	58.2	97.9	10	59.9	106.2
14	2	55.9	83.1	1	63.3	110.0	4	61.6	105.6	20	62.8	111.1
15	...	...	...	39	62.2	110.6	55	62.2	114.1	13	62.4	113.7
15	...	...	...	8	62.3	109.5	7	64.2	128.6	2	63.5	121.4
17	...	...	...	4	61.4	113.7	8	61.9	124.3	...	...	...
18	...	...	...	...	...	...	1	65.3	150.7	...	...	...

